

E¹

1. (Four Times Amended) An electric plant for high voltage including one or more motors, each comprising at least one winding, wherein the winding of at least one of the electric motors forms at least one complete uninterrupted turn, said winding comprising an electrical conductor including an electric field confining insulation system in contact with the conductor including an inner semiconducting layer, surrounding and being in electrical contact with the conductor; a solid insulation layer surrounding the inner layer and an outer semiconductor layer surrounding the insulation layer, each layer forming an equipotential surface around the conductor.

E²

29. (Thrice Amended) A plant for high voltage electric including a motor including at least one winding, wherein said winding comprises a cable including at least one current-carrying conductor and a magnetically permeable, electric field confining cover surrounding the conductor including an inner layer of semiconducting material surrounding and being in electrical contact with the conductor, a solid insulating layer surrounding the inner layer, and an outer semiconducting layer surrounding the insulation layer, the conductor including at least one of a plurality of insulated conductive elements and at least one uninsulated conductive element in contact with the cover, said cable forming at least one uninterrupted turn in the corresponding winding of said machine.

E³

43. (Twice Amended) An electric plant for high voltage including at least one motors comprising at least one winding in the form of at least one uninterrupted turn, the winding including an electrical conductor, a magnetically permeable electric field confining insulating covering in contact with the conductor including an inner semiconducting layer surrounding and being in electrical contact with the conductor; a solid insulation surrounding the inner layer and an outermost semiconducting layer surrounding the insulation layer, each semiconducting layer forming an equipotential surface around the conductor.

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44. (Twice Amended) An electric plant for high voltage including at least one motor comprising at least one winding, including an electrical conductor forming at least one complete turn of the winding, an electric field confining insulating covering surrounding the conductor including an inner semiconducting layer in electrical contact with the conductor; a solid insulation surrounding the inner layer, and an outermost semiconducting layer surrounding the insulation layer, each semiconducting layer forming an equipotential surface around the conductor.
